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CENTRAL INTELLIGENCE AGENCY  
**INFORMATION REPORT**

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COUNTRY Germany (Soviet Zone)  
SUBJECT Tube Production at HF Works  
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THIS IS UNEVALUATED INFORMATION

1. Tube production will be considerably increased in 1954 at the HF electrical communications works, Berlin-Oberschöneweide. Negotiations are currently in suspense over the granting of a credit of 2,200,000 DM for the first half of 1954. The credit is to be used primarily to increase the production of metal-ceramic tubes, which are demanded in larger quantity by the Soviet Union. In addition, about 75,000 DM are needed for research purposes. The current production quota for these tubes is 2,700 pieces per month, but only 2,400 to 2,500 usable tubes are manufactured. In 1954 the quota will be raised to 3,500 per month. The metal-ceramic plant is the only one at present existing in the Soviet Zone.
2. It is now learned for the first time that the production of television transmitter tubes is to be increased considerably in 1954. The endeavor in the first instance will be to win customers in Poland and Czechoslovakia, which at present still get their TV transmitter tubes from the UK. Deliveries of these tubes to the Soviet Union also have to be kept up. The tubes built in the HF works conform completely in their technical data with those used in Czechoslovakia and Poland. The first television transmitter tubes were built according to American models procured from Poland.
3. The new television picture tubes are 8-channel tubes.
4. A new metal-ceramic tube shop is to be reequipped in the Neuhaus tube works. The plant was dismantled in 1946, and the space has been used as a coil-winding shop by a neighboring works. This installation will be ready for operation by Jun 1954.

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5. The production departments in the HF works are in urgent need of improvements. The installations made under Soviet pressure in 1951 are very primitive.
6. Three measuring amplifiers of varying capacities were delivered to the Soviet Union at the end of Nov.

Available on loan from the CIA Library are original catalog leaflets giving the technical data of American-type tubes manufactured by the HF works. The tubes concerned are the 6SK7, 6AG7, 6SJ7, 6L6, 6SA7 and 6E5, 8 pages. 7

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